

**Average Daily Traffic Summary**

SPHDS - Astoria Drive

**West of Site** (between school and Bernardo)

Level	Avg. Daily Trips - WeekDay -	Avg. Daily Trips - Saturday -	Avg. Daily Trips - Sunday -	Comments
Max. Trips	1,000	1,000	1,000	Recommended maximum number of trips by Sunnyvale Traffic Engineering.
Existing	880	453	567	Current daily traffic: no addl bldg, 260 students.
Proposed (as stated)	899	463	567	Anticipated daily traffic: addl bldg; 260 students; Friday and weekend services (w/ NO driving).
Max Possible Trips	1,055	483	683	Anticipated daily traffic: addl bldg; 360 students; Friday services (w/ NO driving) and weekend services (w/ driving).
Max Possible Trips, limit students	998	483	683	Anticipated daily traffic: addl bldg; 260 + 26 students; max. weekend use.

**East of Site** (between school and Wright)

Level	Avg. Daily Trips - WeekDay -	Avg. Daily Trips - Saturday -	Avg. Daily Trips - Sunday -	Comments
Maximum	1,000	1,000	1,000	Recommended maximum number of trips by Sunnyvale Traffic Engineering.
Existing	936	465	555	Current daily traffic: no addl bldg, 260 students.
Proposed (as stated)	960	471	555	Anticipated daily traffic: addl bldg; 260 students; Friday and weekend services (w/ NO driving).
Max Possible Trips	1,150	495	649	Anticipated daily traffic: addl bldg; 360 students; Friday services (w/ NO driving) and weekend services (w/ driving).
Max Possible Trips, limit students	998	495	649	Anticipated daily traffic: addl bldg; 260 + 26 students; max. weekend use.

**Total Net New Trips**

Level	Avg. Daily Trips - WeekDay -	Avg. Daily Trips - Saturday -	Avg. Daily Trips - Sunday -
Proposed (as stated)	43	16	0
Max Possible Trips	389	60	210
Max Possible Trips, limit students	180	60	210

# SPHDS Traffic Study

## Planning Issues

### Astoria Drive- Average Daily Traffic Summary

West of site (between school and Bernardo)

Level	Avg. Daily Trips WeekDay -	Avg. Daily Trips Saturday -	Avg. Daily Trips Sunday-	Comments
Existing	880	453	567	Current usage of street.
Proposed (as stated)	899	463	567	Anticipated level of usage with proposed construction and users walking to service. No additional student enrollment.
Proposed (design req.)	1,055	483	683	Anticipated level of usage with proposed construction and users driving to service. Student enrollment increase to a total of 360.
Maximum	1,000	1,000	1,000	Recommended maximum number of trips by Sunnyvale Traffic Engineering.
allowable new trips	101	n/a	n/a	
allowable new students	27	n/a	n/a	3.8 trip generation rate per student

**Astoria Drive- Average Daily Traffic Summary**

East of site (between school and Wright)

Level	Avg. Daily Trips WeekDay -	Avg. Daily Trips Saturday -	Avg. Daily Trips Sunday-	Comments
Existing	936	465	555	Current usage of street.
Proposed (as stated)	960	471	555	Anticipated level of usage with proposed construction and users walking to service. No additional student enrollment.
Proposed (design req.)	1,150	495	649	Anticipated level of usage with proposed construction and users driving to service. Student enrollment increase to a total of 360.
Maximum	1,000	1,000	1,000	Recommended maximum number of trips by Sunnyvale Traffic Engineering.
Maximum allowable new trips	40	n/a	n/a	
Maximum allowable new students	11	n/a	n/a	3.8 trip generation rate per student

**Total Net New Trips**

Level	Avg. Daily Trips WeekDay -	Avg. Daily Trips Saturday -	Avg. Daily Trips Sunday-
Proposed (as stated)	43	16	0
Proposed (design req.)	389	60	210
Maximum allowable new students	37		